Hydrologic Model Manager

Short Name	HYDROSS 5.0
Long Name	
Description	General purpose monthly surface water supply and allocation model. Used in planning / "what if" studies. DOS command line model run from within a Visual C++ GUI.
Model Type	Generally applicable, Surface water modeling, Irrigation, Reservoir operations, Canal operations, Planning studies
Model Objectives	
Agency_Office	USBR D8520; Denver, CO 80225-0007
Tech Contact	Nancy Parker (others include Patrick Erger, Mark Phillips, Tom Bellinger, etc.) nparker@do.usbr.gov 303-445-2532
Model Structure	
Interception	
Groundwater	
Snowmelt	
Precipitation	
Evapo-transpiration	
Infiltration	
Model Paramters	
Spatial Scale	River basin scale.
Temporal Scale	Monthly
Input Requirements	Natural flows must be developed for all stations. All data in ASCII files.
Computer Requirements	Windows 95, 98, NT.
Model Output	One large formatted output file. Report generator used to extract specific output.
Parameter Estimatn Model Calibrtn	
Model Testing Verification	
Model Sensitivity	
Model Reliabiity	Excellent reliability.
Model Application	
Documentation	Excellent documentation.
Other Comments	Strengths: Good GUI, flexible demand representation, simple but powerful. Weaknesses: Lacks explicit reservoir ownership, cannot handle exchanges. Skills required: Editing ASCII text files, use of spreadsheets or other tools for displaying output graphically.
Date of Submission	5/8/2000 4:50:54 PM
Developer	
Technical Contact	

Contact Organization	